(1) GENERAL INFORMATION:

   (i) APPLICANT: Westbrook, Carol A.

  (ii) TITLE OF INVENTION: Methods and Compositions for the
       Detection of Chromosomal Aberrations

 (iii) NUMBER OF SEQUENCES: 4

  (iv) CORRESPONDENCE ADDRESS:
      (A) ADDRESSEE: Arnold, White & Durkee
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      (C) CITY: Houston
      (D) STATE: TX
      (E) COUNTRY: USA
      (F) ZIP: 77210-4433

   (v) COMPUTER READABLE FORM:
      (A) MEDIUM TYPE: Floppy disk
      (B) COMPUTER: IBM PC compatible
      (C) OPERATING SYSTEM: PC-DOS/MS-DOS
      (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

  (vi) CURRENT APPLICATION DATA:
      (A) APPLICATION NUMBER: US 07/784,222
      (B) FILING DATE: 28-OCT-1991
      (C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:
      (A) NAME: Parker, David L.
      (B) REGISTRATION NUMBER: 32,165
      (C) REFERENCE/DOCKET NUMBER: ARCD:010\PAR

  (ix) TELECOMMUNICATION INFORMATION:
      (A) TELEPHONE: 713-787-1400
      (B) TELEFAX: 713-789-2679

(2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 21 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

   (ii) MOLECULE TYPE: DNA

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AGGGTGCACA GCCGCAACGG C   21

(2) INFORMATION FOR SEQ ID NO:2:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 21 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

   (ii) MOLECULE TYPE: DNA

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CGCTTCACTC AGACCCTGAG G   21

(2) INFORMATION FOR SEQ ID NO:3:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 19 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

   (ii) MOLECULE TYPE: DNA

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GAAGGGCTTT TGAACTCTG   19

(2) INFORMATION FOR SEQ ID NO:4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 18 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GAAGCGCTTC TTCCTTAT   **18**